## **Author-Title Index**

Abramowicz, M.A., Livio, M., Soker, N., Szuszkiewicz, E.: Local stability of thick accretion disks. II. Viscous and radiative effects 239, 399

Allard, N., Artru, M.-C., Lanz, T., Le Dourneuf, M.: Compilation of atomic oscillator strengths for carbon, nitrogen and oxygen ions. The beryllium isoelectronic sequence (CIII, NIV, and OV) 239, 453 (84, 563)

Andrews, A.D.: Investigation of micro-flaring and secular and quasi-periodic variations in dMe flare stars. VI. Quasi-periodicities in Gliese 644 AB (V 1054 Oph) prior to a large X-ray flare 239, 235

Arellano Ferro, A., Parrao, L.: Colour excesses and absolute magnitudes for non-cepheid F-G supergiants from wbyβ photometry 239, 205

Arnaud, J., see Nieto, J.-L., et al. 239, 155

Arp, H., Bi, H.G., Chu, Y., Zhu, X.: Periodicity of quasar redshifts 239, 33

Artru, M.-C., see Allard, N., et al. 239, 453 (84, 563)

Aurière, M., see Nieto, J.-L., et al. 239, 155

Bachiller, R., Cernicharo, J.: Extremely high-velocity emission from molecular jets in NGC 6334 I and NGC 1333 (HH 7– 11) 239, 276

Bartelmann, M., Schneider, P.: Influence of microlensing on quasar statistics 239, 113

Baum, S.A., see O'Dea, C.P., et al. 239, 452 (84, 549)

Beckman, J.E., see Cepa, J. 239, 85

Bender, R., Nieto, J.-L.: Internal kinematics of low-luminosity ellipsoidal galaxies 239, 97

Beuermann, K., see Koester, D., et al. 239, 260

Bi, H.G., see Arp, H., et al. 239, 33

Blazit, A., see Nieto, J.-L., et al. 239, 155

Bonaldo, S., see Nieto, J.-L., et al. 239, 155

Brandenburg, A., see Rädler, K.-H., et al. 239, 413

Bretagnon, P., Simon, J.-L.: Secular perturbation theory of Jupiter and Saturn using an iterative method (Text in French) 239, 387

Bruggmann, G., Magun, A.: Temporal and spectral characteristics of the circular polarization of solar microwave bursts 239, 347

Buser, R., Fenkart, R.P.: Basic calibrations of the photographic RGU system. III. Intermediate and extreme Population II dwarf stars 239, 243

Caimmi, R.: Acquisition of angular momentum by tidal torques in expanding, spherical-symmetric density perturbations: an analysis of different approximations. II 239, 7

Caputo, F.: The Oosterhoff dichotomy revisited. III. An empirical approach to the RRab/RRc transition line in M 15 and ω Centauri 239, 137

Cepa, J., Beckman, J.E.: Diagnostics of the underlying physical differences between flocculent and well-defined spiral galaxies 239, 85

Cernicharo, J., see Bachiller, R. 239, 276

Cersosimo, J.C., Magnani, L.: Non-LTE effects in radio recombination lines from H II regions at 18 cm 239, 287

Choudhuri, A.R.: A correction to Spruit's equation for the dynamics of thin flux tubes 239, 335

Choudhuri, A.R., D'Silva, S.: Influence of turbulence on rising flux tubes in the solar convection zone 239, 326

Chu, Y., see Arp, H., et al. 239, 33

Codina-Landaberry, S.J., see Maciel, W.J., et al. 239, 301

Cotton, W.D., see van Langevelde, H.J. 239, L5

de Boer, K.S., see Moehler, S., et al. 239, 265

de Freitas Pacheco, J.A., see Maciel, W.J., et al. 239, 301

Diethelm, R.: Physical parameters of pulsating variables with periods between one and three days. II. Fundamental parameters 239, 186

Dönszelmann, A., see Youssef, N.H., et al. 239, 367

D'Silva, S., see Choudhuri, A.R. 239, 326

Dubath, P., Meylan, G., Mayor, M., Magain, P.: Core velocity dispersion and mass-to-light ratio of the old Magellanic globular cluster NGC 1835 239, 142

Falchi, A., Falciani, R., Smaldone, L.A.: Analysis of the optical spectra of solar flares. Sensitivity of the hydrogen Balmer signatures and of the Na-D<sub>2</sub> line profile to different energy transport mechanisms 239, 453 (84, 601)

Falciani, R., see Falchi, A., et al. 239, 453 (84, 601)

Fang, L.Z.: Periodicity of redshift distribution in a T-3 universe 239, 24

Feinstein, C., Vega, I., Mendez, M., Forte, J.C.: A CCD morphological study of the starburst galaxy NGC 7552 239, 90

Fenkart, R., Topaktas, L.: Model-compared RGU-photometric space-densities in a field close to the galactic northpole: M  $3(l=42^{\circ}, b=+78^{\circ})$  239, 451 (84, 413)

Fenkart, R.P., see Buser, R. 239, 243

Ferraro, M., see Zaninetti, L. 239, 1

Forte, J.C., see Feinstein, C., et al. 239, 90

Forveille, T., see Heske, A., et al. 239, 173

Foy, R., see Nieto, J.-L., et al. 239, 155

Fürst, E., Reich, W., Reich, P., Reif, K.: A radio continuum survey of the Galactic Plane at 11 cm wavelength. IV. A list of 6483 small diameter sources 239, 455 (85, 805)

Fürst, E., Reich, W., Reich, P., Reif, K.: A radio continuum survey of the Galactic Plane at 11 cm wavelength. III. The area  $76^{\circ} \le l \le 240^{\circ}, -5^{\circ} \le b \le 5^{\circ}$  239, 455 (85, 691)

Fürst, E., see Reich, W., et al. 239, 455 (85, 633)

Fulle, M., see Pansecchi, L. 239, 369

## **Author-Title Index**

Abramowicz, M.A., Livio, M., Soker, N., Szuszkiewicz, E.: Local stability of thick accretion disks. II. Viscous and radiative effects 239, 399

Allard, N., Artru, M.-C., Lanz, T., Le Dourneuf, M.: Compilation of atomic oscillator strengths for carbon, nitrogen and oxygen ions. The beryllium isoelectronic sequence (CIII, NIV, and OV) 239, 453 (84, 563)

Andrews, A.D.: Investigation of micro-flaring and secular and quasi-periodic variations in dMe flare stars. VI. Quasi-periodicities in Gliese 644 AB (V 1054 Oph) prior to a large X-ray flare 239, 235

Arellano Ferro, A., Parrao, L.: Colour excesses and absolute magnitudes for non-cepheid F-G supergiants from wbyβ photometry 239, 205

Arnaud, J., see Nieto, J.-L., et al. 239, 155

Arp, H., Bi, H.G., Chu, Y., Zhu, X.: Periodicity of quasar redshifts 239, 33

Artru, M.-C., see Allard, N., et al. 239, 453 (84, 563)

Aurière, M., see Nieto, J.-L., et al. 239, 155

Bachiller, R., Cernicharo, J.: Extremely high-velocity emission from molecular jets in NGC 6334 I and NGC 1333 (HH 7– 11) 239, 276

Bartelmann, M., Schneider, P.: Influence of microlensing on quasar statistics 239, 113

Baum, S.A., see O'Dea, C.P., et al. 239, 452 (84, 549)

Beckman, J.E., see Cepa, J. 239, 85

Bender, R., Nieto, J.-L.: Internal kinematics of low-luminosity ellipsoidal galaxies 239, 97

Beuermann, K., see Koester, D., et al. 239, 260

Bi, H.G., see Arp, H., et al. 239, 33

Blazit, A., see Nieto, J.-L., et al. 239, 155

Bonaldo, S., see Nieto, J.-L., et al. 239, 155

Brandenburg, A., see Rädler, K.-H., et al. 239, 413

Bretagnon, P., Simon, J.-L.: Secular perturbation theory of Jupiter and Saturn using an iterative method (Text in French) 239, 387

Bruggmann, G., Magun, A.: Temporal and spectral characteristics of the circular polarization of solar microwave bursts 239, 347

Buser, R., Fenkart, R.P.: Basic calibrations of the photographic RGU system. III. Intermediate and extreme Population II dwarf stars 239, 243

Caimmi, R.: Acquisition of angular momentum by tidal torques in expanding, spherical-symmetric density perturbations: an analysis of different approximations. II 239, 7

Caputo, F.: The Oosterhoff dichotomy revisited. III. An empirical approach to the RRab/RRc transition line in M 15 and ω Centauri 239, 137

Cepa, J., Beckman, J.E.: Diagnostics of the underlying physical differences between flocculent and well-defined spiral galaxies 239, 85

Cernicharo, J., see Bachiller, R. 239, 276

Cersosimo, J.C., Magnani, L.: Non-LTE effects in radio recombination lines from H II regions at 18 cm 239, 287

Choudhuri, A.R.: A correction to Spruit's equation for the dynamics of thin flux tubes 239, 335

Choudhuri, A.R., D'Silva, S.: Influence of turbulence on rising flux tubes in the solar convection zone 239, 326

Chu, Y., see Arp, H., et al. 239, 33

Codina-Landaberry, S.J., see Maciel, W.J., et al. 239, 301

Cotton, W.D., see van Langevelde, H.J. 239, L5

de Boer, K.S., see Moehler, S., et al. 239, 265

de Freitas Pacheco, J.A., see Maciel, W.J., et al. 239, 301

Diethelm, R.: Physical parameters of pulsating variables with periods between one and three days. II. Fundamental parameters 239, 186

Dönszelmann, A., see Youssef, N.H., et al. 239, 367

D'Silva, S., see Choudhuri, A.R. 239, 326

Dubath, P., Meylan, G., Mayor, M., Magain, P.: Core velocity dispersion and mass-to-light ratio of the old Magellanic globular cluster NGC 1835 239, 142

Falchi, A., Falciani, R., Smaldone, L.A.: Analysis of the optical spectra of solar flares. Sensitivity of the hydrogen Balmer signatures and of the Na-D<sub>2</sub> line profile to different energy transport mechanisms 239, 453 (84, 601)

Falciani, R., see Falchi, A., et al. 239, 453 (84, 601)

Fang, L.Z.: Periodicity of redshift distribution in a T-3 universe 239, 24

Feinstein, C., Vega, I., Mendez, M., Forte, J.C.: A CCD morphological study of the starburst galaxy NGC 7552 239, 90

Fenkart, R., Topaktas, L.: Model-compared RGU-photometric space-densities in a field close to the galactic northpole: M  $3(l=42^{\circ}, b=+78^{\circ})$  239, 451 (84, 413)

Fenkart, R.P., see Buser, R. 239, 243

Ferraro, M., see Zaninetti, L. 239, 1

Forte, J.C., see Feinstein, C., et al. 239, 90

Forveille, T., see Heske, A., et al. 239, 173

Foy, R., see Nieto, J.-L., et al. 239, 155

Fürst, E., Reich, W., Reich, P., Reif, K.: A radio continuum survey of the Galactic Plane at 11 cm wavelength. IV. A list of 6483 small diameter sources 239, 455 (85, 805)

Fürst, E., Reich, W., Reich, P., Reif, K.: A radio continuum survey of the Galactic Plane at 11 cm wavelength. III. The area  $76^{\circ} \le l \le 240^{\circ}, -5^{\circ} \le b \le 5^{\circ}$  239, 455 (85, 691)

Fürst, E., see Reich, W., et al. 239, 455 (85, 633)

Fulle, M., see Pansecchi, L. 239, 369

García-Lario, P., see Manchado, A., et al. 239, 452 (84, 517) Giommi, P., see Koester, D., et al. 239, 260

Gopal-Krishna, see O'Dea, C.P., et al. 239, 452 (84, 549)

Graser, U., see Koester, D., et al. 239, 260

Grevesse, N., see Youssef, N.H., et al. 239, 367

Güdel, M.: Solar radio spikes: radiation at harmonics s=2-6239, L1

Habing, H.J., see Heske, A., et al. 239, 173

Hatzidimitriou, D., see Kontizas, M., et al. 239, 452 (84, 527)

Heber, U., see Moehler, S., et al. 239, 265

Heske, A., Forveille, T., Omont, A., van der Veen, W.E.C.J., Habing, H.J.: Deficiency of CO emission from massive envelopes around cool OH/IR stars 239, 173

Hopp, U., see Schulte-Ladbeck, R.E. 239, 69

Iping, R.C., Petterson, J.A.: Quasi-periodic precession of disks in X-ray binaries, with possible application to Centaurus X-3 239, 221

Karlsson, K.G.: Quasar redshifts and nearby galaxies 239, 50 Keller, C.U., see Zayer, I., et al. 239, 356

Kidger, M., Takalo, L.: A large anti-flare in the light curve of 3C 345 239, L9

Kirk, J.G.: Stationary, cosmic-ray-modified shock fronts 239,

Koester, D., Beuermann, K., Thomas, H.-C., Graser, U., Giommi, P., Tagliaferri, G.: EXOSAT observations of three DA white dwarfs 239, 260

Komm, R., Mattig, W., Nesis, A.: The height dependence of intensity structures in the solar photosphere 239, 340

Kontizas, E., see Kontizas, M., et al. 239, 452 (84, 527)

Kontizas, M., Morgan, D.H., Hatzidimitriou, D., Kontizas, E.: The cluster system of the Large Magellanic Cloud 239, 452 (84, 527)

Lanz, T., see Allard, N., et al. 239, 453 (84, 563)

Lawler, J.E., see Salih, S. 239, 407

Le Dourneuf, M., see Allard, N., et al. 239, 453 (84, 563)

Lelièvre, G., see Nieto, J.-L., et al. 239, 155

Lesch, H.: Particle heating in supernova shocks 239, 437

Lindgren, M., see Tancredi, G., et al. 239, 375

Livio, M., see Abramowicz, M.A., et al. 239, 399

Luna, H.G.: Polarimetric observations of the blazars PKS 0521-365 and PKS 0537-441 239, 453 (84, 611)

Maciel, W.J., de Freitas Pacheco, J.A., Codina-Landaberry, S.J.: Metal-poor planetary nebulae with low-mass central stars 239, 301

Magain, P., see Dubath, P., et al. 239, 142

Magnani, L., see Cersosimo, J.C. 239, 287 Magun, A., see Bruggmann, G. 239, 347

Manchado, A., García-Lario, P., Sahu, K.C., Pottasch, S.R.: Three new young objects from the IRAS Point Source Catalogue 239, 452 (84, 517)

Mangum, J.G., Wootten, A.: Observations of the cyclic C<sub>3</sub>H radical in the interstellar medium 239, 319

Martinez Roger, C., see Paez, E., et al. 239, 452 (84, 481)

Mattig, W., see Komm, R., et al. 239, 340

Mauersberger, R., see Wilson, T.L. 239, 305

Mayor, M., see Dubath, P., et al. 239, 142

Meinel, R., see Rädler, K.-H., et al. 239, 413

Mendez, M., see Feinstein, C., et al. 239, 90

Meyer-Hofmeister, E., see Meyer, F. 239, 214

Meyer, F., Meyer-Hofmeister, E.: Mass-flow oscillations in irradiated disks around neutron stars 239, 214

Meylan, G., see Dubath, P., et al. 239, 142

Moehler, S., Heber, U., de Boer, K.S.: Hot subluminous stars at high galactic latitudes. II. Physical parameters and distances of 37 sdB stars 239, 265

Moorwood, A.F.M., Oliva, E.: H2 emission in galaxies: observational constraints on ultraviolet excitation 239, 78

Morgan, D.H., see Kontizas, M., et al. 239, 452 (84, 527) Morris, G.B., see O'Dea, C.P., et al. 239, 452 (84, 549)

Muller, P.: Double star measurements made at Nice (Text in French) 239, 454 (84, 619)

Nesis, A., see Komm, R., et al. 239, 340

Nieto, J.-L., Aurière, M., Sebag, J., Arnaud, J., Lelièvre, G., Blazit, A., Foy, R., Bonaldo, S., Thouvenot, E.: The optical counterpart of the X-ray binary in the globular cluster NGC 6712 239, 155

Nieto, J.-L., see Bender, R. 239, 97

Oberti, P.: An accurate solution for Nereid's motion. I. Analytic modeling 239, 381

O'Dea, C.P., Baum, S.A., Stanghellini, C., Morris, G.B., Patnaik, A.R., Gopal-Krishna: Multifrequency VLA observations of GHz-peaked-spectrum radio cores 239, 452 (84, 549)

Oliva, E., see Moorwood, A.F.M. 239, 78

Omont, A., see Heske, A., et al. 239, 173

Paez, E., Straniero, O., Martinez Roger, C.: Deep CCD photometry of stars in the globular cluster M3 239, 452 (84, 481)

Pansecchi, L., Fulle, M.: A Neck-Line Structure in the dust tail of the Great January Comet 1910 I 239, 369

Parker, Q.A., Watson, F.G.: Galaxy redshifts with FLAIR 239, 451 (84, 455)

Parrao, L., see Arellano Ferro, A. 239, 205

Patnaik, A.R., see O'Dea, C.P., et al. 239, 452 (84, 549)

Petrosian, A.R., Turatto, M.: Supernovae in the host galaxies of AGNs 239, 63

Petterson, J.A., see Iping, R.C. 239, 221

Pickles, A.J., van der Kruit, P.C.: Stellar populations in medium redshift cluster. I. A set of model spectra based on Vanden-Berg's isochrones 239, 451 (84, 421)

Pohl, M., Schlickeiser, R.: Implications of the unification of cosmic ray transport and galactic wind models 239, 424 Pottasch, S.R., see Manchado, A., et al. 239, 452 (84, 517)

Rädler, K.-H., Wiedemann, E., Brandenburg, A., Meinel, R., Tuominen, I.: Nonlinear mean-field dynamo models: stability and evolution of three-dimensional magnetic field configurations 239, 413

Reich, P., see Fürst, E., et al. 239, 455 (85, 691)

Reich, P., see Fürst, E., et al. 239, 455 (85, 805)

Reich, P., see Reich, W., et al. 239, 455 (85, 633)

Reich, W., Fürst, E., Reich, P., Reif, K.: A radio continuum survey of the Galactic Plane at 11 cm wavelength. II. The area  $358^{\circ} \le l \le 76^{\circ}, -5^{\circ} \le b \le 5^{\circ}$  239, 455 (85, 633)

Reich, W., see Fürst, E., et al. 239, 455 (85, 691)

Reich, W., see Fürst, E., et al. 239, 455 (85, 805)

Reif, K., see Fürst, E., et al. 239, 455 (85, 691)

Reif, K., see Fürst, E., et al. 239, 455 (85, 805)

Reif, K., see Reich, W., et al. 239, 455 (85, 633)

Rickman, H., see Tancredi, G., et al. 239, 375

Sage, L.J.: The properties and origins of molecular gas in the lenticular galaxies NGC 404, 4710 and 5195 239, 125

Sahu, K.C., see Manchado, A., et al. 239, 452 (84, 517)

Salih, S., Lawler, J.E.: Radiative lifetimes in Ti 1 239, 407

Sanders, W.L.: UBV photometry of NGC 6494 and metallicity considerations 239, 454 (84, 615)

Sarna, M.J.: A model of illuminated red dwarfs in cataclysmic variables 239, 163

6

Schlickeiser, R., see Pohl, M. 239, 424

Schneider, P., see Bartelmann, M. 239, 113

Schulte-Ladbeck, R.E., Hopp, U.: A multiwavelength study of the galaxy UGC 11000 239, 69

Sebag, J., see Nieto, J.-L., et al. 239, 155

Simon, J.-L., see Bretagnon, P. 239, 387

Smaldone, L.A., see Falchi, A., et al. 239, 453 (84, 601)

Soker, N., see Abramowicz, M.A., et al. 239, 399

Solanki, S.K., see Zayer, I., et al. 239, 356

Stanghellini, C., see O'Dea, C.P., et al. 239, 452 (84, 549)

Steffen, M.: A simple method for monotonic interpolation in one dimension 239, 443

Stenflo, J.O., see Zayer, I., et al. 239, 356

Straniero, O., see Paez, E., et al. 239, 452 (84, 481)

Swartz, D.A.: An approximate Newton-Raphson method for multilevel line formation using the Sobolev theory 239, 227

Szuszkiewicz, E., see Abramowicz, M.A., et al. 239, 399

Tagliaferri, G., see Koester, D., et al. 239, 260

Takalo, L., see Kidger, M. 239, L9

Tancredi, G., Lindgren, M., Rickman, H.: Temporary satellite capture and orbital evolution of comet P/Helin-Roman-Crockett 239, 375

Thomas, H.-C., see Koester, D., et al. 239, 260

Thouvenot, E., see Nieto, J.-L., et al. 239, 155

Topaktas, L., see Fenkart, R. 239, 451 (84, 413)

Tuominen, I., see Rädler, K.-H., et al. 239, 413 Turatto, M., see Petrosian, A.R. 239, 63

Vallée, J.P.: Extension to cosmic scales of the magnetic field versus gas density relationship 239, 57

van der Heiden, R., see van Langevelde, H.J., et al. 239, 193

van der Kruit, P.C., see Pickles, A.J. 239, 451 (84, 421)

van der Veen, W.E.C.J., see Heske, A., et al. 239, 173

van Langevelde, H.J., Cotton, W.D.: Visibility-based continuum subtraction in spectral line observations with radio synthesis telescopes 239, L5

van Langevelde, H.J., van der Heiden, R., van Schooneveld, C.: Phase lags from multiple flux curves of OH/IR stars 239, 193

van Schooneveld, C., see van Langevelde, H.J., et al. 239, 193

Vega, I., see Feinstein, C., et al. 239, 90

Watson, F.G., see Parker, Q.A. 239, 451 (84, 455)

Wiedemann, E., see Rädler, K.-H., et al. 239, 413

Wilson, T.L., Mauersberger, R.: The internal structure of molecular clouds. I. C<sup>18</sup>O, C<sup>34</sup>S and NH<sub>3</sub> maps of the DR 21/W 75 S region 239, 305

Wootten, A., see Mangum, J.G. 239, 319

Xiangping Wu: The magnitude-redshift relation in a locally inhomogeneous universe 239, 29

Youssef, N.H., Dönszelmann, A., Grevesse, N.: The abundance of cadmium in the solar photosphere 239, 367

Zaninetti, L., Ferraro, M.: Transient phenomena and cluster formation 239, 1

Zayer, I., Solanki, S.K., Stenflo, J.O., Keller, C.U.: Dependence of the properties of solar magnetic flux tubes on filling factor.
II. Results of an inversion approach 239, 356

Zhu, X., see Arp, H., et al. 239, 33

